

Ko Mibu

List of Publications by Year in descending order

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170
papers

4,455
citations

136885

32
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118793

62
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172
all docs

172
docs citations

172
times ranked

3844
citing authors

#	ARTICLE	IF	CITATIONS
1	Real-Space Observation of Current-Driven Domain Wall Motion in Submicron Magnetic Wires. <i>Physical Review Letters</i> , 2004, 92, 077205.	2.9	883
2	Propagation of a Magnetic Domain Wall in a Submicrometer Magnetic Wire. <i>Science</i> , 1999, 284, 468-470.	6.0	354
3	MFM study of magnetic vortex cores in circular permalloy dots: behavior in external field. <i>Journal of Magnetism and Magnetic Materials</i> , 2002, 240, 1-6.	1.0	169
4	Synthesis of Superparamagnetic Nanoporous Iron Oxide Particles with Hollow Interiors by Using Prussian Blue Coordination Polymers. <i>Chemistry of Materials</i> , 2012, 24, 2698-2707.	3.2	163
5	Effect of Joule heating in current-driven domain wall motion. <i>Applied Physics Letters</i> , 2005, 86, 012511.	1.5	148
6	Magnetic force microscopy observation of antivortex core with perpendicular magnetization in patterned thin film of permalloy. <i>Applied Physics Letters</i> , 2002, 80, 4190-4192.	1.5	99
7	Epitaxial growth of ferromagnetic La ₂ NiMnO ₆ with ordered double-perovskite structure. <i>Applied Physics Letters</i> , 2006, 89, 032504.	1.5	96
8	Hybrid Improper Ferroelectricity in (Sr,Ca) ₃ Sn ₂ O ₇ and Beyond: Universal Relationship between Ferroelectric Transition Temperature and Tolerance Factor in $n = 2$ Ruddlesden-Popper Phases. <i>Journal of the American Chemical Society</i> , 2018, 140, 15690-15700.	6.6	74
9	Magneto-resistance of Bloch-wall-type magnetic structures induced in NiFe/CoSm exchange-spring bilayers. <i>Physical Review B</i> , 1998, 58, 6442-6446.	1.1	66
10	Significant growth-temperature dependence of ferromagnetic properties for Co ₂ FeSi/Si(111) prepared by low-temperature molecular beam epitaxy. <i>Applied Physics Letters</i> , 2010, 96, .	1.5	65
11	Magnetic Properties of Fe/Dy Artificial Superstructured Films. <i>Japanese Journal of Applied Physics</i> , 1988, 27, 1680-1686.	0.8	60
12	Dynamics of a magnetic domain wall in magnetic wires with an artificial neck. <i>Journal of Applied Physics</i> , 2003, 93, 8430-8432.	1.1	59
13	Evidence for Antiferromagnetic Coupling between Fe Layers through Cr from Neutron Diffraction. <i>Journal of the Physical Society of Japan</i> , 1990, 59, 1925-1927.	0.7	57
14	Reversible magnetization process and magneto-resistance of soft-magnetic (NiFe) /hard-magnetic (CoSm) bilayers. <i>Journal of Magnetism and Magnetic Materials</i> , 1996, 163, 75-79.	1.0	54
15	Selective growth of Fe ₃ O ₄ and Fe ₂ O ₃ films with reactive magnetron sputtering. <i>Journal Physics D: Applied Physics</i> , 2013, 46, 175004.	1.3	53
16	Reduction of Magnetic Moments in Very Thin Cr Layers of Fe/Cr Multilayers: Evidence from ¹¹⁹ Sn Mössbauer Spectroscopy. <i>Physical Review Letters</i> , 2000, 84, 2243-2246.	2.9	51
17	Geometrical confinement of a domain wall in a nanocontact between two NiFe wires. <i>Journal of Applied Physics</i> , 2002, 91, 3468-3470.	1.1	51
18	Local structural ordering in low-temperature-grown epitaxial Fe		

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19	Magnetic and transport studies on RPdSn (R = rare earth). Journal of Magnetism and Magnetic Materials, 1990, 84, 157-161.	1.0	50
20	The magnetization process and magnetoresistance of exchange-spring bilayer systems. Journal Physics D: Applied Physics, 1998, 31, 43-49.	1.3	48
21	Room-temperature structural ordering of a Heusler compound $\text{Fe}_{1-x}\text{Co}_x\text{Si}$. Physical Review B, 2012, 86, .	1.1	48
22	Fabrication of patterned high-density polymer graft surfaces. II. Amplification of EB-patterned initiator monolayer by surface-initiated atom transfer radical polymerization. Polymer, 2002, 43, 3837-3841.	1.8	45
23	Propagation of a magnetic domain wall in magnetic wires with asymmetric notches. Journal of Applied Physics, 2005, 97, 066101.	1.1	45
24	Ferromagnetism at Room Temperature Induced by Spin Structure Change in $\text{BiFe}_1\text{Co}_x\text{O}_3$ Thin Films. Advanced Materials, 2017, 29, 1603131.	11.1	45
25	Temperature dependence of depinning fields in submicron magnetic wires with an artificial neck. Journal of Magnetism and Magnetic Materials, 2005, 286, 167-170.	1.0	44
26	Highly ordered Co_2FeSi Heusler alloys grown on Ge(111) by low-temperature molecular beam epitaxy. Journal of Applied Physics, 2010, 107, .	1.1	44
27	Mössbauer Observation of the Quantum Levels of Fe^{3+} Ions Doped in 1D Ising Ferromagnet $\text{Ca}_3\text{Co}_2\text{O}_6$. Physical Review Letters, 1997, 79, 3258-3261.	2.9	43
28	Magnetism of Cr in V/Cr multilayers studied by ^{119}Sn Mössbauer spectroscopy. Journal of Physics Condensed Matter, 2000, 12, 9247-9257.	0.7	41
29	Morin transition temperature in (0001)-oriented Fe_2O_3 thin film and effect of Ir doping. Journal of Applied Physics, 2015, 117, .	1.1	41
30	Preparation and Mössbauer Study of Epitaxial Cr/Sn Multilayers. Journal of the Physical Society of Japan, 1998, 67, 2633-2636.	0.7	36
31	Two types of magnetic vortex cores in elliptical permalloy dots. Journal of Applied Physics, 2004, 95, 3612-3617.	1.1	34
32	Heteronuclear Complexes of Macrocyclic Oxamide with Co-ligands: Syntheses, Crystal Structures, and Magnetic Properties. Inorganic Chemistry, 2007, 46, 1297-1304.	1.9	34
33	Carrier generation in a p -type oxide semiconductor: Sn_2O_6	0.9	31
34	Electronic and magnetic structure at the Fe/FeO interface. Physical Review B, 2011, 84, .	1.1	30
35	Carrier Generation in p -Type Wide-Gap Oxide: SnNb_2O_6 Foordite. Chemistry of Materials, 2018, 30, 8221-8225.	3.2	28
36	Mössbauer Study of Fe/Nd Artificial Superstructure Films. Journal of the Physical Society of Japan, 1989, 58, 2916-2924.	0.7	26

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37	Polarized Neutron Diffraction Studies of Fe/Cr Multilayered Films with Giant Magnetoresistance Effect. Journal of the Physical Society of Japan, 1992, 61, 300-307.	0.7	26
38	Spin Structure Change in Co-Substituted BiFeO ₃ . Journal of the Physical Society of Japan, 2016, 85, 064704.	0.7	26
39	Iron spin directions in Fe/rare earth multilayers by Mössbauer spectroscopy. Journal of Magnetism and Magnetic Materials, 1993, 126, 343-345.	1.0	25
40	Preparation of Co ₂ FeSn Heusler alloy films and magnetoresistance of Fe/MgO/Co ₂ FeSn magnetic tunnel junctions. Journal of Applied Physics, 2012, 111, .	1.1	23
41	Direct Observation of Magnetization Reversal by Electric Field at Room Temperature in Co-Substituted Bismuth Ferrite Thin Film. Nano Letters, 2019, 19, 1767-1773.	4.5	23
42	Magnetic and transport studies on RAgSn (R: rare earth metals). Journal of Magnetism and Magnetic Materials, 1990, 90-91, 544-546.	1.0	22
43	Discovery of a Novel Sn(II)-Based Oxide SnMoO_4 for Daylight-Driven Photocatalysis. Advanced Science, 2017, 4, 1600246.	5.6	22
44	Magnetoresistance study of Co/Cu/NiFe/Cu multilayers prepared on V-groove substrates. Physical Review B, 1997, 55, 14457-14466.	1.1	21
45	Magnetization reversal and electric transport in ferromagnetic nanowires. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2001, 84, 126-132.	1.7	21
46	Spin-filtering effect of ferromagnetic semiconductor La ₂ NiMnO ₆ . Journal of Magnetism and Magnetic Materials, 2007, 310, 1975-1977.	1.0	21
47	Validity of Valence Estimation of Dopants in Glasses using XANES Analysis. Scientific Reports, 2018, 8, 415.	1.6	21
48	Propagation of the magnetic domain wall in submicron magnetic wire investigated by using giant magnetoresistance effect. Journal of Applied Physics, 1999, 85, 6181-6183.	1.1	20
49	Discrete Change of Spin-Density-Wave Modulation in Cr(100)/Sn Multilayers as a Function of Cr Layer Thickness. Physical Review Letters, 2002, 89, 287202.	2.9	20
50	Grazing-incidence synchrotron-radiation μ -Fe-Mössbauer spectroscopy using a nuclear Bragg monochromator and its application to the study of magnetic thin films. Journal of Synchrotron Radiation, 2012, 19, 198-204.	1.0	20
51	Strain-induced significant increase in metal-insulator transition temperature in oxygen-deficient Fe oxide epitaxial thin films. Scientific Reports, 2015, 5, 7894.	1.6	20
52	Effect of substitution of Mn with Fe or Cr in Heusler alloy of Co ₂ MnSn. Journal of Physics Condensed Matter, 2005, 17, 6653-6662.	0.7	19
53	Depth Profile of Induced Spin Polarization in Au Layers of Fe/Au(001) Superlattices by Resonant X-ray Magnetic Scattering. Journal of the Physical Society of Japan, 2006, 75, 104707.	0.7	19
54	Neutron Diffraction Studies on Magnetic Properties of Fe/Dy Artificial Superstructured Films. Journal of the Physical Society of Japan, 1989, 58, 1775-1786.	0.7	18

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55	Magnetic properties of Fe/Tb multilayered films studied by Mössbauer spectroscopy. Journal of Magnetism and Magnetic Materials, 1991, 93, 499-502.	1.0	18
56	Magnetic and transport properties of magnetic wires down to 20nm in width. Journal of Magnetism and Magnetic Materials, 2001, 226-230, 1831-1832.	1.0	18
57	Studies on spintronics-related thin films using synchrotron-radiation-based Mössbauer spectroscopy. Hyperfine Interactions, 2013, 217, 127-135.	0.2	18
58	Magnetic properties of Cr layers in X/Cr/Sn/Cr multilayers (X=V, Fe, Ag) studied through ¹¹⁹ Sn Mössbauer spectroscopy. Journal of Magnetism and Magnetic Materials, 2001, 226-230, 1785-1787.	1.0	17
59	Observation of Enhancement of the Morin Transition Temperature in Iridium-Doped $\text{Ir}_{\pm 2}\text{Fe}_{\pm 3}\text{O}_3$ Thin Film by ⁵⁷ Fe-Grazing Incidence Synchrotron Radiation Mössbauer Spectroscopy. Journal of the Physical Society of Japan, 2016, 85, 063601.	0.7	17
60	Observation of novel charge ordering and spin reorientation in perovskite oxide PbFeO ₃ . Nature Communications, 2021, 12, 1917.	5.8	17
61	Reduction and reorientation of Cr magnetic moments in Fe/Cr multilayers observed by a ¹¹⁹ Sn Mössbauer probe. Physical Review B, 2002, 66, .	1.1	16
62	Sign change of tunnel magnetoresistance ratio with temperature in epitaxial Fe/MgO/Co ₂ MnSn magnetic tunnel junctions. Journal of Applied Physics, 2011, 110, .	1.1	16
63	Luminescence of Sn ²⁺ Center in ZnO/B ₂ O ₃ Glasses Melted in Air and Ar Conditions. Bulletin of the Chemical Society of Japan, 2015, 88, 1047-1053.	2.0	15
64	Synthesis of Single Phase Sn ₃ O ₄ : Native Visible-Light-Sensitive Photocatalyst with High Photocatalytic Performance for Hydrogen Evolution. Journal of Nanoscience and Nanotechnology, 2017, 17, 3454-3459.	0.9	15
65	Temperature spin polarization in Co ₃ Fe ₄ Heusler-compound films. Physical Review B, 2013, 88, .	1.1	14
66	Electric resistance of magnetic domain wall in NiFe wires with CoSm pinning pads. Journal of Applied Physics, 2000, 87, 5648-5650.	1.1	13
67	Study of Perpendicular Magnetic Anisotropy and Magneto-Elastic Coupling in the First Principles and Phenomenology. IEEE Transactions on Magnetics, 2013, 49, 3269-3272.	1.2	13
68	Current-induced dynamics of bubble domains in perpendicularly magnetized TbFeCo wires. Applied Physics Express, 2015, 8, 073002.	1.1	13
69	Magnetic structures of giant magnetoresistance systems, Fe/Cr and NiFe/Cu/Co/Cu, studied by neutron diffraction. Journal of Magnetism and Magnetic Materials, 1993, 126, 255-256.	1.0	12
70	Propagation velocity measurement of a magnetic domain wall in a submicron magnetic wire. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 1577-1578.	1.0	12
71	Control of magnetization in spinel-type Fe ₃ O ₄ thin films by N ₂ ion implantation. Japanese Journal of Applied Physics, 2014, 53, 020306.	0.8	12
72	Local structure and magnetism of L ₁₀ -type FeNi alloy films with perpendicular magnetic anisotropy studied through ⁵⁷ Fe nuclear probes. Journal Physics D: Applied Physics, 2015, 48, 205002.	1.3	12

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73	Magnetic anisotropy in Fe/rare-earth multilayers. , 1998, 113, 287-293.		11
74	Nonlinear strain dependence of magnetic anisotropy in CoFe ₂ O ₄ films on MgO(001) substrates. Journal of Applied Physics, 2014, 115, .	1.1	11
75	⁵⁷ Fe polarization-dependent synchrotron Mössbauer spectroscopy using a diamond phase plate and an iron borate nuclear Bragg monochromator. Journal of Synchrotron Radiation, 2015, 22, 427-435.	1.0	11
76	Bipolar Semiconducting Properties in \pm -SnWO ₄ Based on the Characteristic Defect Structure. Inorganic Chemistry, 2021, 60, 8035-8041.	1.9	11
77	Temperature dependence of the triplet lifetimes of methylpyrazines: proximity effect. The Journal of Physical Chemistry, 1987, 91, 6173-6177.	2.9	10
78	Magnetic properties of thin Cr layers in multilayer systems studied through Mössbauer probes. Journal of Magnetism and Magnetic Materials, 1999, 198-199, 689-691.	1.0	10
79	Grazing incidence x-ray scattering study of the structure of epitaxial Cr/Sn multilayers. Journal of Applied Physics, 2001, 90, 1237-1241.	1.1	10
80	Induced Magnetic Polarization in Cu Layers of Gd/Cu Multilayers Studied by X-ray Magnetic Circular Dichroism. Journal of the Physical Society of Japan, 2004, 73, 2212-2218.	0.7	10
81	Electric-current-induced dynamics of bubble domains in a ferrimagnetic Tb/Co multilayer wire below and above the magnetic compensation point. AIP Advances, 2017, 7, .	0.6	10
82	Room temperature ferromagnetism in BiFe _{1-x} Mn _x O ₃ thin film induced by spin-structure manipulation. Applied Physics Letters, 2018, 112, .	1.5	10
83	Alternative Route Triggering Multistep Spin Crossover with Hysteresis in an Iron(II) Family Mediated by Flexible Anion Ordering. Inorganic Chemistry, 2020, 59, 9866-9880.	1.9	10
84	Site-Selective Oxygen Vacancy Formation Derived from the Characteristic Crystal Structures of Sn ⁴⁺ Nb Complex Oxides. Journal of Physical Chemistry C, 2021, 125, 17117-17124.	1.5	10
85	Spin Density Wave in Epitaxial Cr(001)/Sn and Cr(001)/Au Multilayers with Nonmagnetic Spacer Layers. Journal of the Physical Society of Japan, 2000, 69, 1590-1593.	0.7	9
86	Temperature dependence of switching field distribution in a NiFe wire with a pad. Journal of Magnetism and Magnetic Materials, 2002, 240, 301-304.	1.0	9
87	Magnetic structure of spin-density waves in Cr(001)-Sn multilayers with periodic monatomic spacer layers of nonmagnetic Sn. Physical Review B, 2004, 70, .	1.1	9
88	Physical properties of the novel Jarosite-type compound NaFe ₃ (SeO ₄) ₂ (OH) ₆ . Journal of Physics and Chemistry of Solids, 2005, 66, 1438-1441.	1.9	9
89	Local magnetism of Co ₂ MnSn Heusler alloy films prepared by atomically controlled alternate deposition. Journal of Physics: Conference Series, 2010, 217, 012094.	0.3	9
90	Magnetic Properties of Rare-Earth/Fe Multilayered Films with Artificial Superstructures. Materials Research Society Symposia Proceedings, 1989, 151, 87.	0.1	8

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91	Magnetic properties of Fe/Nd artificial superstructure films. <i>Hyperfine Interactions</i> , 1990, 54, 831-838.	0.2	8
92	Mössbauer study of spin reorientation in Fe/rare-earth multilayers. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1993, 76, 31-32.	0.6	8
93	Control of spin structure of Cr by periodic insertion of nonmagnetic monatomic layers. <i>Journal Physics D: Applied Physics</i> , 2002, 35, 2359-2364.	1.3	8
94	Structural characterization of epitaxial Fe/Cr multilayers using anomalous X-ray and neutron reflectivity. <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 272-276, 1219-1220.	1.0	8
95	Modification of the spin structure of chromium by an interface effect in Cr(011) \hat{a} ^o Sn multilayers. <i>Physical Review B</i> , 2005, 71, .	1.1	8
96	Coadsorption of Trivalent Metal Ions and Anions on Strongly Acidic Cation-Exchange Resins by Bridge Bonding. <i>Analytical Chemistry</i> , 2008, 80, 9666-9671.	3.2	8
97	Analysis of Fe Catalyst during Carbon Nanotube Synthesis by Mössbauer Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2009, 113, 18523-18526.	1.5	8
98	Effects of impurity states on exchange coupling in Fe/Fe ₃ O ₄ junctions. <i>Physical Review B</i> , 2012, 85, .	1.1	8
99	Interface magnetism of Co ₂ FeGe Heusler alloy layers and magnetoresistance of Co ₂ FeGe/MgO/Fe magnetic tunnel junctions. <i>Journal of Applied Physics</i> , 2014, 116, 163902.	1.1	8
100	Thickness dependence of Morin transition temperature in iridium-doped hematite layers studied through nuclear resonant scattering. <i>Hyperfine Interactions</i> , 2017, 238, 1.	0.2	8
101	Mössbauer study of Cu/Co and Au/Co multilayers using ¹¹⁹ Sn. <i>Journal of Magnetism and Magnetic Materials</i> , 1995, 140-144, 619-620.	1.0	7
102	Susceptibility Measurements of the Haldane System NiC ₂ O ₄ ·2DMFz Doped with Nonmagnetic Zn Ions. <i>Journal of the Physical Society of Japan</i> , 1995, 64, 3429-3433.	0.7	7
103	Structural and magnetic properties of high saturation induction CoNiFe electroplated films. <i>IEEE Transactions on Magnetics</i> , 2001, 37, 1767-1769.	1.2	7
104	Magnetic frustration of Cr at Fe(011)/Cr interfaces investigated by ¹¹⁹ Sn Mössbauer spectroscopy. <i>Journal of Physics Condensed Matter</i> , 2005, 17, 2477-2483.	0.7	7
105	Nano-phase separation and the effect of SnO addition in TiO ₂ -precipitated glass-ceramics. <i>Journal of the European Ceramic Society</i> , 2015, 35, 2139-2144.	2.8	7
106	Perpendicular magnetic anisotropy and tunneling conductivity of epitaxial cobalt-ferrite (001) films grown on nonmagnetic metal films. <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 475, 721-726.	1.0	7
107	Identifying valency and occupation sites of Ir dopants in antiferromagnetic Ir-Fe ₂ O ₃ thin films with X-ray absorption fine structure and Mössbauer spectroscopy. <i>Journal of Applied Physics</i> , 2019, 125, .	1.1	7
108	Mössbauer Study of Co/Cu Multilayers Using ¹¹⁹ Sn Probes. <i>Journal of the Physical Society of Japan</i> , 1994, 63, 2700-2705.	0.7	7

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109	Magnetic and ^{57}Fe Mössbauer studies of $\text{Ca}_3\text{FeRhO}_6$. Journal of Magnetism and Magnetic Materials, 2003, 260, 48-52.	1.0	6
110	Exchange biasing of a NiO wall in the nanocontact between NiFe wires. Journal of Applied Physics, 2005, 97, 014309.	1.1	6
111	Structural and magnetic properties of Co_2MnSn films and $\text{Co}_2\text{MnSn}/\text{Cr}$ multilayers. Journal of Magnetism and Magnetic Materials, 2007, 309, 132-138.	1.0	6
112	Core-Shell Formation and Juxtaposition in Fe and Si Hybrid Clusters Prepared by Controlling the Collision Stages. Materials Transactions, 2010, 51, 1990-1996.	0.4	6
113	Local magnetism of Co_2MnSn Heusler alloy films and magnetoresistance of Co_2MnSn -based magnetic tunnel junctions. Journal of Physics: Conference Series, 2010, Antiferromagnetic coupling and impurity effects at junctions between Fe_3O_4 and $\text{Fe}(001)$ layers. Physical	0.3	6
114	Correlation between the emission properties of Sn^{2+} , Sn^{4+} , P^{2+} , P^{5+} , O^{2+} , O^{5+} glasses. Journal of the Ceramic Society of Japan, 2016, 124, 554-558.	1.1	6
115	A Low-Temperature ^{119}Sn Mössbauer Study of ErPd_2Sn . Journal of the Physical Society of Japan, 1987, 56, 3035-3037.	0.5	6
116	Mössbauer and magnetization studies of Co_2MnSn and multilayers. Journal of Magnetism and Magnetic Materials, 1995, 140-144, 623-624.	0.7	5
117	Electrical spin injection in $\text{Ni}_{81}\text{Fe}_{19}/\text{Al}/\text{Ni}_{81}\text{Fe}_{19}$ with double tunnel junctions. Journal of Magnetism and Magnetic Materials, 2005, 286, 142-145.	1.0	5
118	Magnetic and transport properties of spin-filtering tunnel junctions with magnetic insulator $\text{La}_2\text{NiMnO}_6$. Journal of Physics: Conference Series, 2010, 200, 062032.	0.3	5
119	Synchrotron radiation ^{57}Fe -Mössbauer spectroscopy using nuclear monochromator. Hyperfine Interactions, 2012, 204, 97-100.	0.2	5
120	Evolution of synchrotron-radiation-based Mössbauer absorption spectroscopy for various isotopes. Hyperfine Interactions, 2017, 238, 1.	0.2	5
121	Stable electric polarization switching accompanied by magnetization reversal in $\text{BiFe}_{0.9}\text{Co}_{0.1}\text{O}_3$ thin films. Applied Physics Express, 2020, 13, 071001.	1.1	5
122	Magnetic Polarization of Au Layers in Co/Au Multilayers Observed by ^{119}Sn Mössbauer Effect. Journal of the Physical Society of Japan, 1994, 63, 3226-3229.	0.7	5
123	Simultaneous Measurement of γ -ray and Conversion Electron Mössbauer Spectra of Fe Films under Total Reflection Conditions Using Synchrotron Mössbauer Source. Journal of the Physical Society of Japan, 2020, 89, 054707.	0.7	5
124	Origin of perpendicular magnetic anisotropy in $\text{Co}_x\text{O}_{1-4x}$ thin films studied by x-ray magnetic circular and linear dichroism. Physical Review B. 2022, 105, .		
125	Magnetoresistance studies of multilayers including hard magnetic CoSm layers. Journal of Magnetism and Magnetic Materials, 1996, 156, 299-300.	1.0	4
126			

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127	Relationship between magnetoresistance change and antiparallel magnetization estimated by neutron diffraction in giant magnetoresistance systems. <i>Journal of Magnetism and Magnetic Materials</i> , 1996, 156, 325-326.	1.0	4
128	Magnetoresistance of quasi-Bloch-wall induced in NiFe/CoSm exchange-spring bilayers. <i>Journal of Magnetism and Magnetic Materials</i> , 1998, 177-181, 1267-1268.	1.0	4
129	Magnetism of ultrathin Cr layers and Fe/Cr multilayers studied by ^{119}Sn probes. , 2000, 126, 367-370.		4
130	Magnetic Properties of Nanoscale Wire and Dot Systems. <i>Physica Status Solidi A</i> , 2002, 189, 567-574.	1.7	4
131	^{57}Fe Mössbauer study of electrochemically deposited amorphous iron-sulfide-oxide thin films. <i>Japanese Journal of Applied Physics</i> , 2016, 55, 038006.	0.8	4
132	Deposition temperature dependence of interface magnetism of Co ₂ FeGe-Heusler-alloy/Ag films studied with ^{57}Fe Mössbauer spectroscopy. <i>Journal of Magnetism and Magnetic Materials</i> , 2018, 464, 71-75.	1.0	4
133	^{151}Eu Mössbauer study on Fe/Eu multilayers. <i>Journal of Applied Physics</i> , 1994, 75, 6483-6485.	1.1	3
134	Magnetic Properties of Metallic Multilayered Systems. <i>Hyperfine Interactions</i> , 2002, 144/145, 53-64.	0.2	3
135	Growth-orientation dependence of magnetic properties of Cr-based multilayers with ^{119}Sn monatomic layers. <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 272-276, 1233-1234.	1.0	3
136	Depth-selective measurements of induced magnetic polarization in Cu layers of Gd/Cu multilayers by ^{119}Sn Mössbauer spectroscopy. <i>Journal of Physics Condensed Matter</i> , 2005, 17, 4023-4033.	0.7	3
137	Nuclear resonant time spectra for ^{119}Sn in Co ₂ TiSn Heusler alloy films. <i>Journal of Magnetism and Magnetic Materials</i> , 2010, 322, 158-162.	1.0	3
138	Stabilization of Néel-type domain walls in multilayered magnetic wires using antiferromagnetic interlayer exchange coupling. <i>Journal of Applied Physics</i> , 2020, 128, 063902.	1.1	3
139	^{151}Eu Mössbauer study of transition-metal/Eu multilayers. <i>Physical Review B</i> , 1996, 53, 6566-6571.	1.1	2
140	Evidence for perpendicular magnetic anisotropy of Tb in Tb/Fe multilayers. <i>Journal of Physics Condensed Matter</i> , 1996, 8, 8907-8913.	0.7	2
141	Fluctuation in the Intermediate Magnetic Phase of Triangular Ising Antiferromagnet (CeS) _{1.16} [Fe _{0.33} (NbS ₂) ₂]. <i>Journal of the Physical Society of Japan</i> , 2002, 71, 2376-2379.	0.7	2
142	Composition Shift as a Function of Thickness in Fe ₃ FeO ₄ (001) Epitaxial Films. <i>Japanese Journal of Applied Physics</i> , 2010, 49, 080216.	0.8	2
143	Bias-voltage-dependence of magnetoresistance for epitaxial Fe/MgO/Co ₂ MnSn tunnel junctions. <i>Journal of Physics: Conference Series</i> , 2011, 266, 012107.	0.3	2
144	Magnetization control for bit pattern formation of spinel ferromagnetic oxides by Kr ion implantation. <i>Journal of Applied Physics</i> , 2014, 115, 17B907.	1.1	2

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145	Characterization of Magnetic and Dielectric Properties of Bi _{1-x} Gd _x FeO ₃ Nanoparticles by Local Structure Analyses. <i>Journal of Nanoscience and Nanotechnology</i> , 2014, 14, 2190-2197.	0.9	2
146	Mechanism and Control of Antiferromagnetic Coupling in Fe/Fe ₃ O ₄ Junctions. <i>Physics Procedia</i> , 2015, 75, 1080-1087.	1.2	2
147	Effect of atomic modulation on the J-mixing-dominant magnetic anisotropy in SmFe ₇ epitaxial films. <i>Applied Physics Express</i> , 2016, 9, 043001.	1.1	2
148	Spin Reorientation in Fe/Nd Multilayered Films from Neutron Diffraction Experiments. <i>Journal of the Physical Society of Japan</i> , 1992, 61, 2477-2483.	0.7	2
149	Co/Cu multilayers studied by using the ¹¹⁹ Sn probe. <i>Hyperfine Interactions</i> , 1994, 92, 1291-1295.	0.2	1
150	Mössbauer Studies on Magnetic Multilayers. <i>Hyperfine Interactions</i> , 2001, 136/137, 253-262.	0.2	1
151	Spin-density wave controlled by the superlattice period in Cr (001)/Sn multilayers with Sn monatomic spacer layers. <i>Applied Physics A: Materials Science and Processing</i> , 2002, 74, s1554-s1556.	1.1	1
152	Mössbauer study of magnetism of Rh layers in Ag(001)/Rh/Sn/Rh superlattice structures. <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 272-276, E813-E815.	1.0	1
153	Magnetic properties of thin chromium layers in Gd/Cr and Y/Cr multilayers studied using ¹¹⁹ Sn Moissbauer spectroscopy. <i>IEEE Transactions on Magnetics</i> , 2005, 41, 3352-3354.	1.2	1
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